

Headlamps LED with Matrix Beam , (8G4)

From September 2014



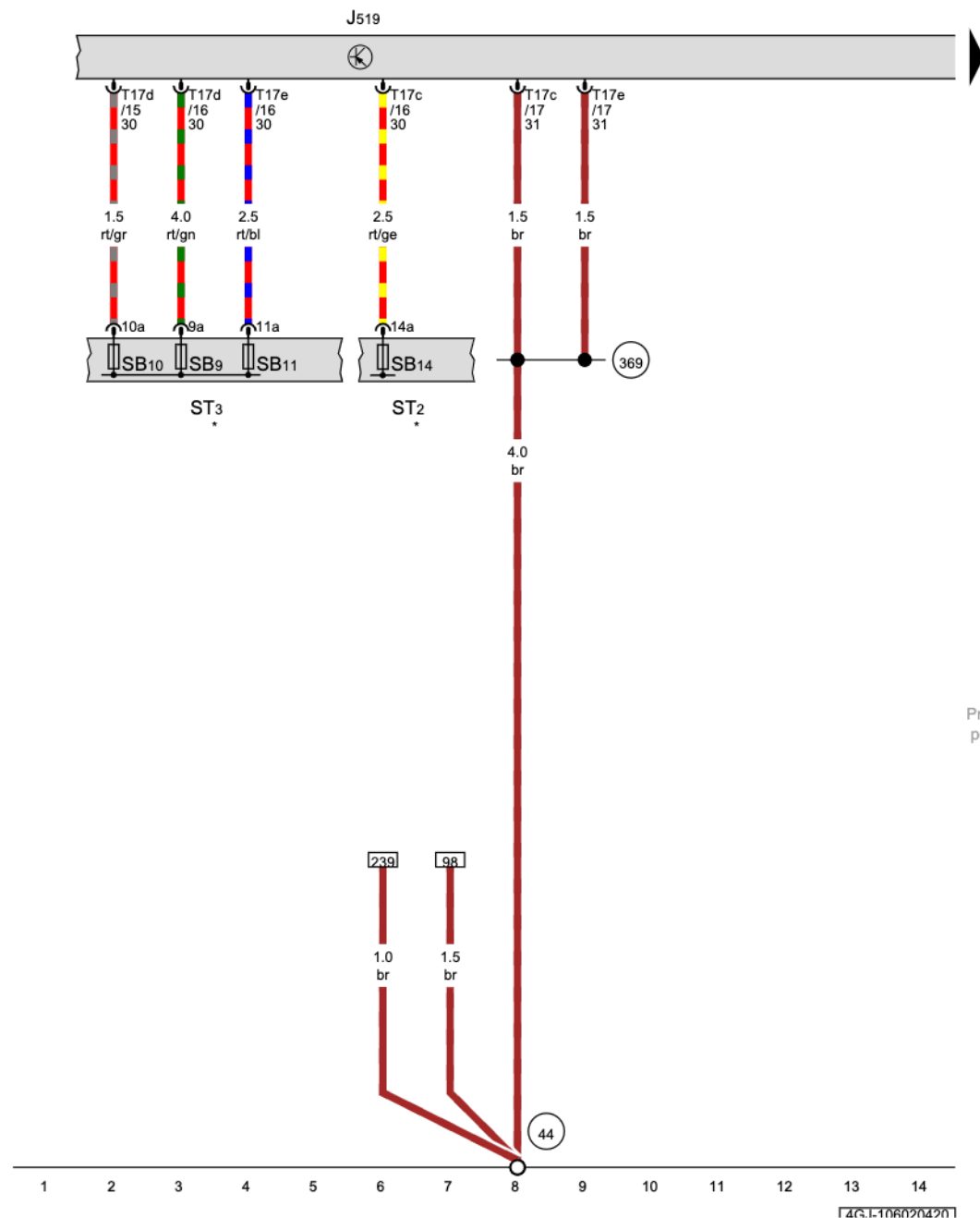
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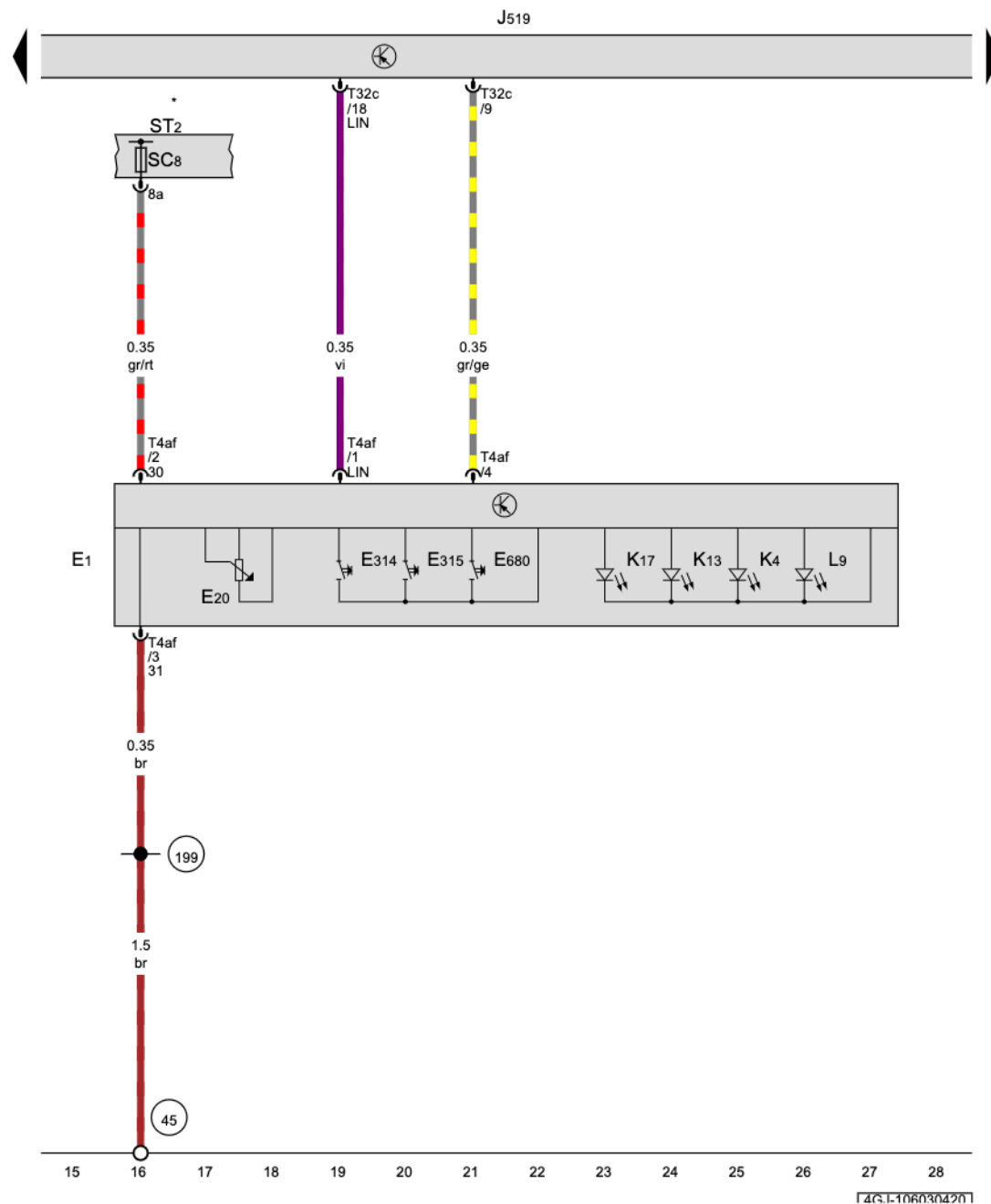
Vehicle Electrical System Control Module

- J519 Vehicle Electrical System Control Module
- ST2 Fuse Panel 2
- ST3 Fuse Panel 3
- SB9 Fuse 9 (On Fuse Panel B)
- SB10 Fuse 10 (On Fuse Panel B)
- SB11 Fuse 11 (On Fuse Panel B)
- SB14 Fuse 14 (On Fuse Panel B)
- T17c 17-Pin Connector, Brown
- T17d 17-Pin Connector, Black
- T17e 17-Pin Connector, Red

- 44 Ground Connection on A-Pillar, Lower Left
- 369 Ground Connection 4 (in Main Wiring Harness)
- * Refer to Applicable Wiring Diagram for Fuse Positions



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Light Switch, Instrument Panel and Switch Illumination Dimmer Switch, Rear Fog Lamp Button, Fog Lamp Button, Night Vision System Button, Vehicle Electrical System Control Module

- E1 Light Switch
- E20 Instrument Panel and Switch Illumination Dimmer Switch
- E314 Rear Fog Lamp Button
- E315 Fog Lamp Button
- E680 Night Vision System Button
- J519 Vehicle Electrical System Control Module
- K4 Position Lamp Indicator Lamp
- K13 Rear Fog Lamp Indicator Lamp
- K17 Fog Lamp Indicator Lamp
- L9 Headlamp Switch Illumination Bulb
- ST2 Fuse Panel 2
- SC8 Fuse 8 (On Fuse Panel C)
- T4af 4-Pin Connector, Black
- T32c 32-Pin Connector

45 Ground Connection Behind Instrument Panel, Center

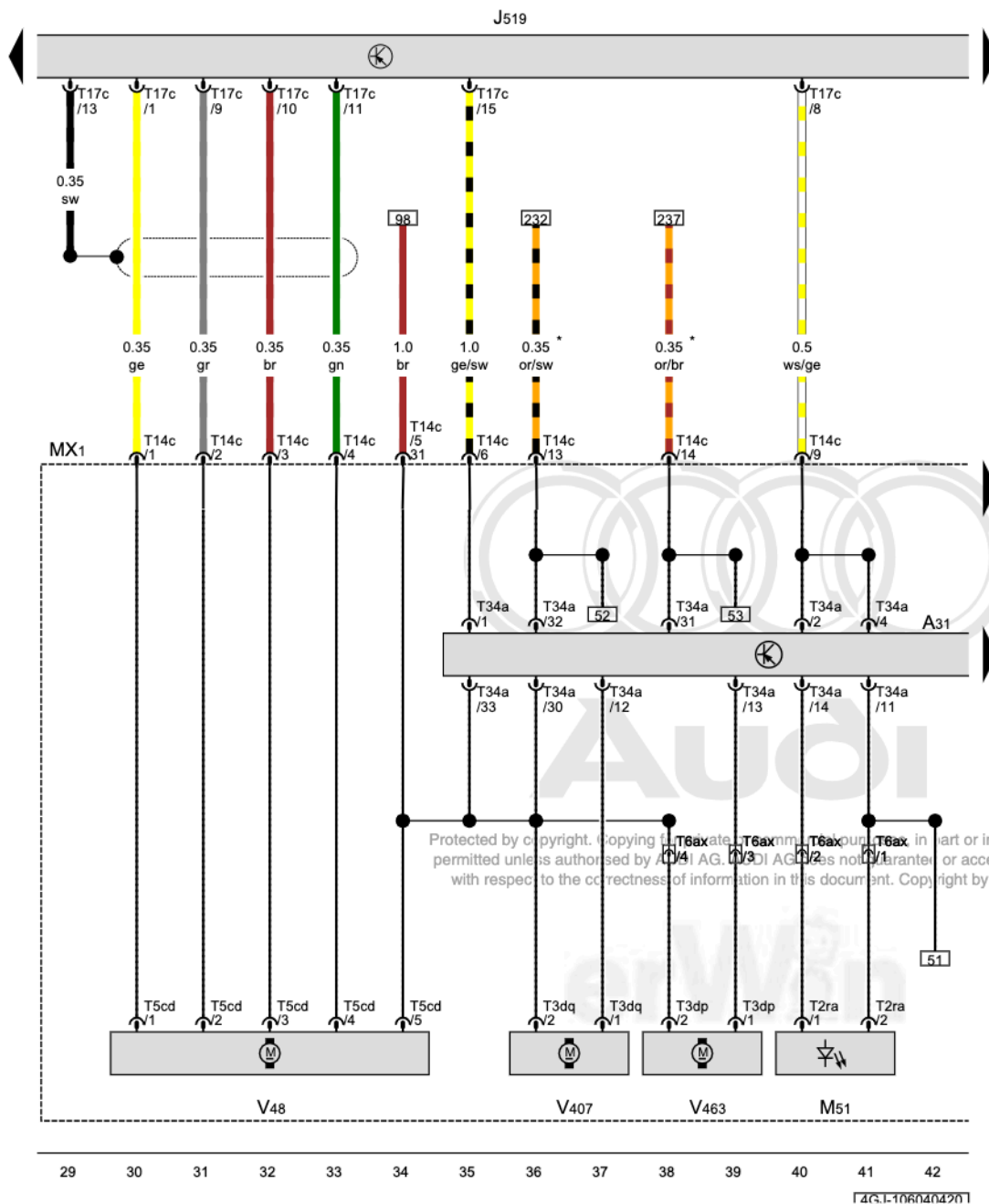
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199 Ground Connection 3 (in Instrument Panel Wiring Harness)

* Refer to Applicable Wiring Diagram for Fuse Positions

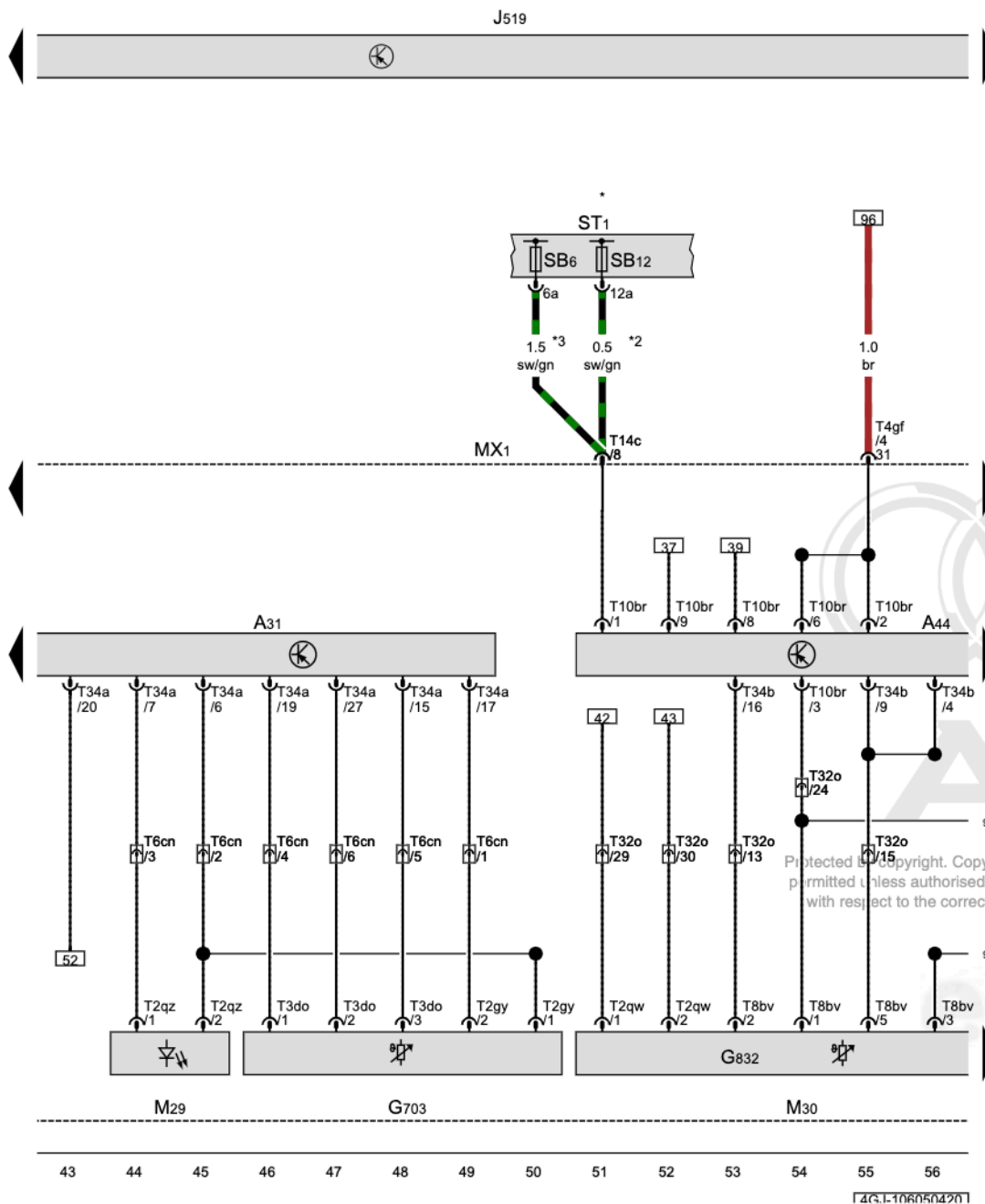
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = lilac
- vi = lilac
- ge = yellow
- or = orange
- rs = pink

Vehicle Electrical System Control Module, Left Front Headlamp



- A31 Left LED Headlamp Power Output Module 1
- J519 Vehicle Electrical System Control Module
- MX1 Left Front Headlamp, On the Left Headlamp
- M51 Left Stationary Cornering Lamp
- T2ra 2-Pin Connector
- T3dp 3-Pin Connector
- T3dq 3-Pin Connector
- T5cd 5-Pin Connector
- T6ax 6-Pin Connector
- T14c 14-Pin Connector, Black
- T17c 17-Pin Connector, Brown
- T34a 34-Pin Connector
- V48 Left Headlamp Range Control Adjustment Motor
- V407 Left Headlamp Fan
- V463 Left Headlamp Fan 2
- * Data Bus Wire (CAN Bus)

Vehicle Electrical System Control Module, Left Front Headlamp

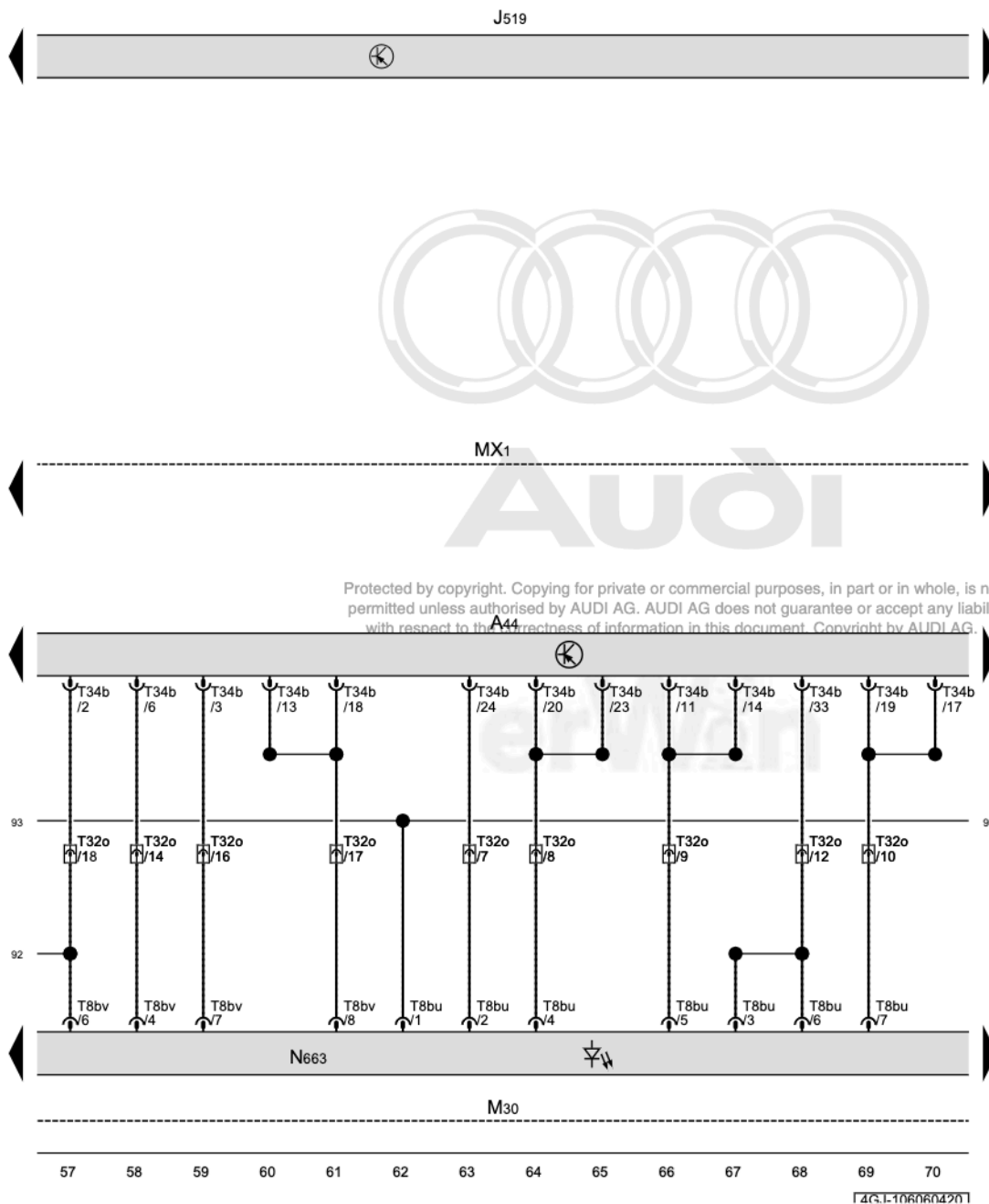


- A31 Left LED Headlamp Power Output Module 1
- A44 Left Matrix Headlamp Power Output Module
- G703 Left Headlamp Temperature Sensor 2
- G832 Left Headlamp Temperature Sensor 3
- J519 Vehicle Electrical System Control Module
- MX1 Left Front Headlamp, On the Left Headlamp
- M29 Left Low Beam Headlamp Bulb
- M30 Left High Beam Headlamp Bulb
- ST1 Fuse Panel 1
- SB6 Fuse 6 (On Fuse Panel B)
- SB12 Fuse 12 (On Fuse Panel B)
- T2gy 2-Pin Connector
- T2qw 2-Pin Connector
- T2qz 2-Pin Connector
- T3do 3-Pin Connector
- T4gf 4-Pin Connector
- T6cn 6-Pin Connector
- T8bv 8-Pin Connector
- T10br 10-Pin Connector
- T14c 14-Pin Connector, Black
- T32o 32-Pin Connector
- T34a 34-Pin Connector
- T34b 34-Pin Connector
- * Refer to Applicable Wiring Diagram for Fuse Positions
- *2 Magnetic Core
- *3 For RHD Vehicles

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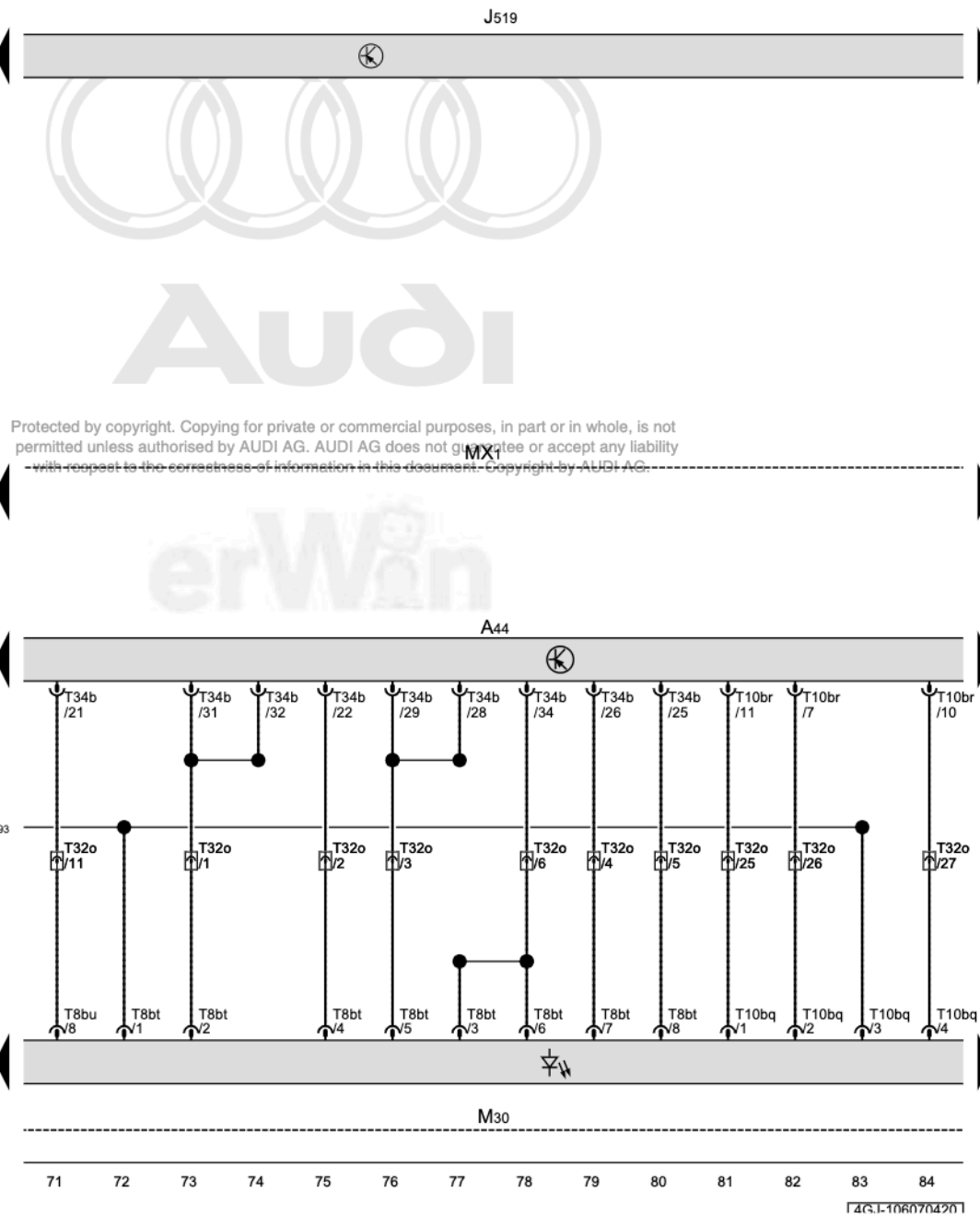
Vehicle Electrical System Control Module, Left Front Headlamp

- A44 Left Matrix Headlamp Power Output Module
- J519 Vehicle Electrical System Control Module
- MX1 Left Front Headlamp, On the Left Headlamp
- M30 Left High Beam Headlamp Bulb
- N663 Current Coding Resistance 2 for Left Headlamp
- T8bu 8-Pin Connector
- T8bv 8-Pin Connector
- T32o 32-Pin Connector
- T34b 34-Pin Connector



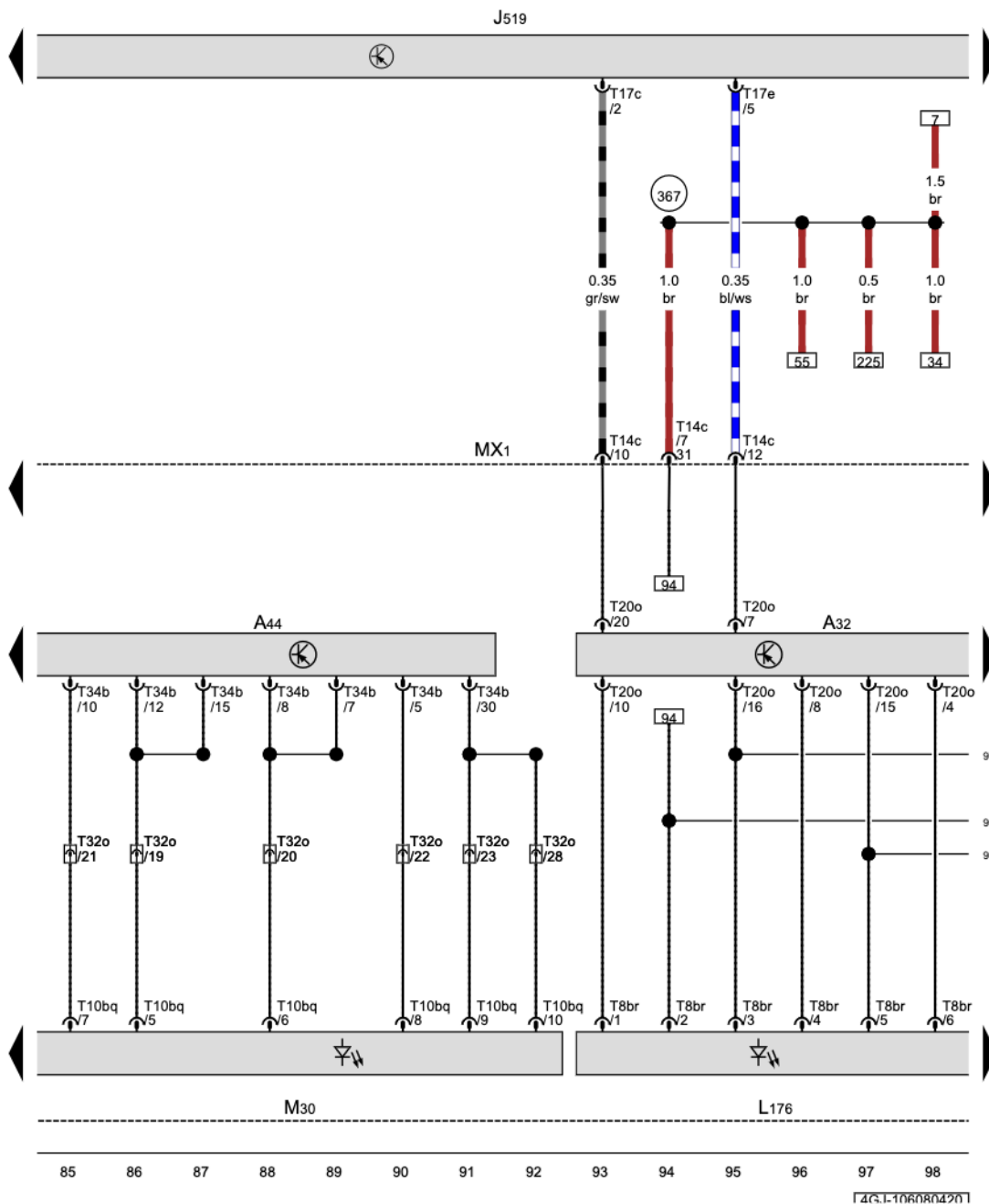
Vehicle Electrical System Control Module, Left Front Headlamp

- A44 Left Matrix Headlamp Power Output Module
- J519 Vehicle Electrical System Control Module
- MX1 Left Front Headlamp, On the Left Headlamp
- M30 Left High Beam Headlamp Bulb
- T8bt 8-Pin Connector
- T8bu 8-Pin Connector
- T10bq 10-Pin Connector
- T10br 10-Pin Connector
- T32o 32-Pin Connector
- T34b 34-Pin Connector



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Vehicle Electrical System Control Module, Left Front Headlamp



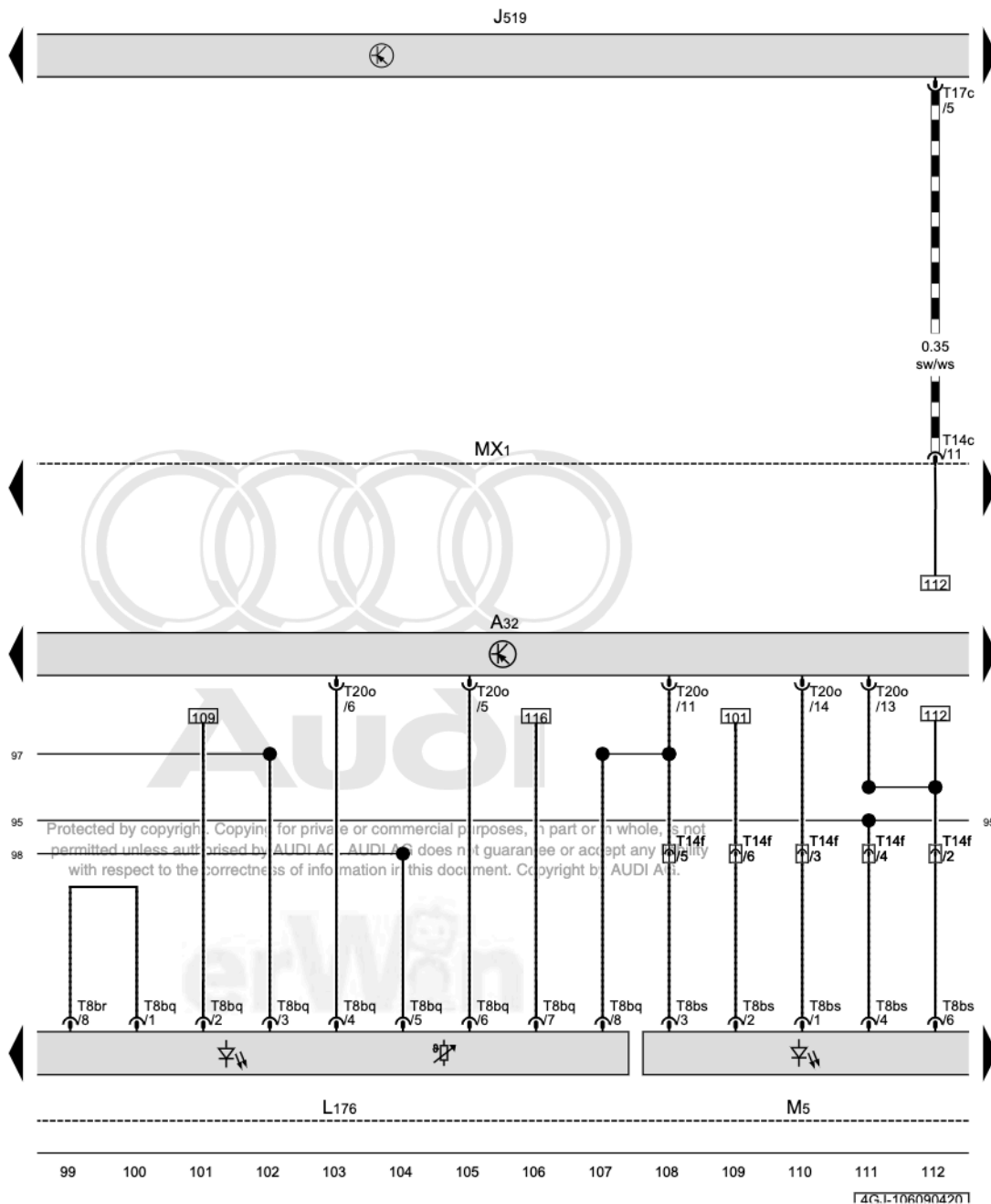
- A32 Left LED Headlamp Power Output Module 2
- A44 Left Matrix Headlamp Power Output Module
- J519 Vehicle Electrical System Control Module
- L176 Left Daytime Running Lamp and Position Lamp LED Module
- MX1 Left Front Headlamp, On the Left Headlamp
- M30 Left High Beam Headlamp Bulb
- T8br 8-Pin Connector
- T10bq 10-Pin Connector
- T14c 14-Pin Connector, Black
- T17c 17-Pin Connector, Brown
- T17e 17-Pin Connector, Red
- T20o 20-Pin Connector
- T32o 32-Pin Connector
- T34b 34-Pin Connector

367 Ground Connection 2 (in Main Wiring Harness)

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Vehicle Electrical System Control Module, Left Front Headlamp

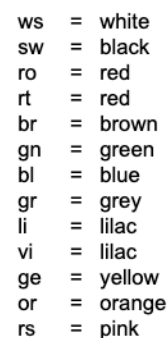
- A32 Left LED Headlamp Power Output Module 2
- J519 Vehicle Electrical System Control Module
- L176 Left Daytime Running Lamp and Position Lamp LED Module
- MX1 Left Front Headlamp, On the Left Headlamp
- M5 Left Front Turn Signal Bulb
- T8bq 8-Pin Connector
- T8br 8-Pin Connector
- T8bs 8-Pin Connector
- T14c 14-Pin Connector, Black
- T14f 14-Pin Connector
- T17c 17-Pin Connector, Brown
- T20o 20-Pin Connector



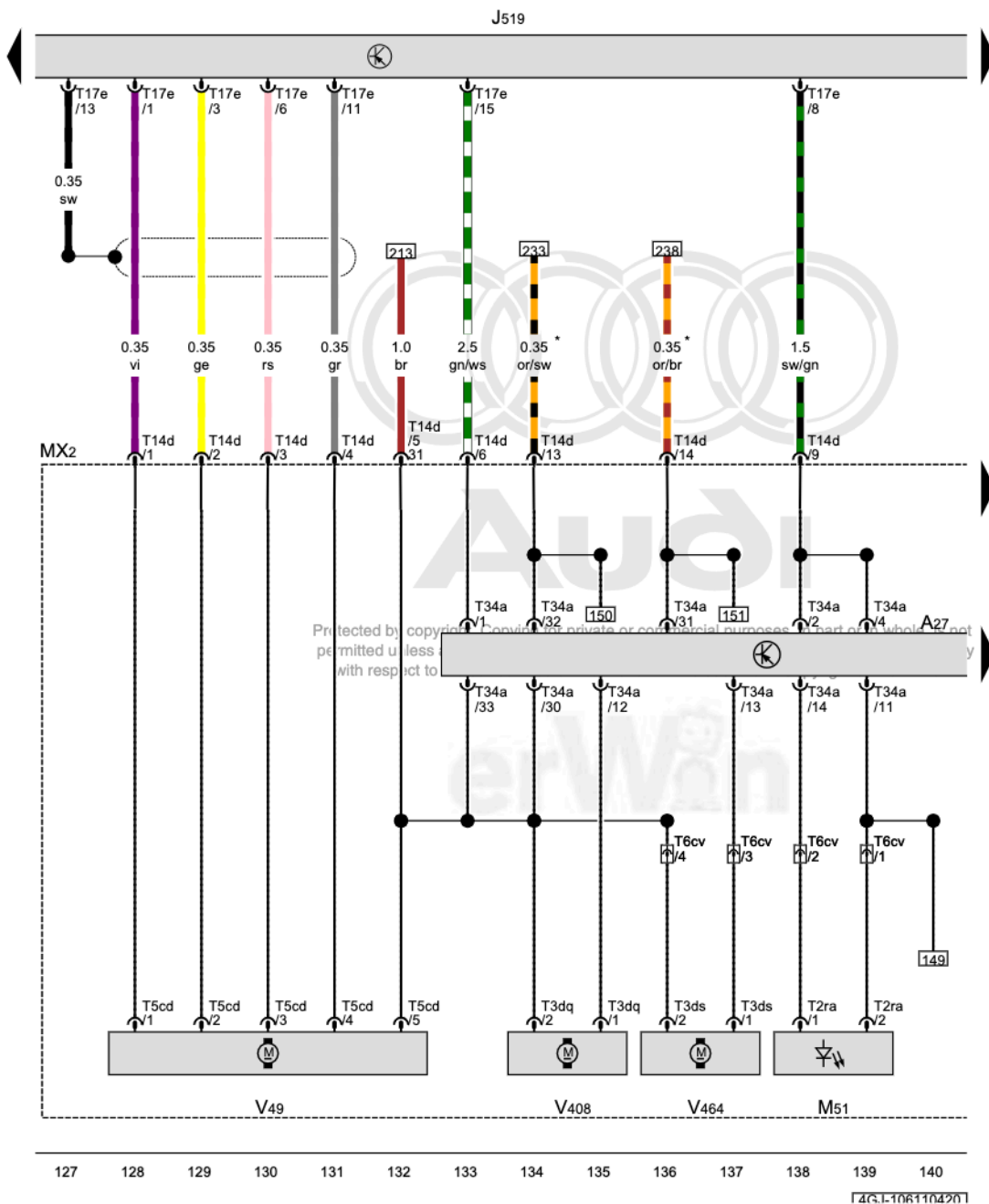
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- vi = lilac
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A32	Left LED Headlamp Power Output Module 2
J393	Comfort System Central Control Module
J519	Vehicle Electrical System Control Module
MX1	Left Front Headlamp, On the Left Headlamp
M5	Left Front Turn Signal Bulb
T3dn	3-Pin Connector
T4gf	4-Pin Connector
T8bs	8-Pin Connector
T14f	14-Pin Connector
T20o	20-Pin Connector
T32q	32-Pin Connector

(B608) Connection 4 (in Interior Wiring Harness)

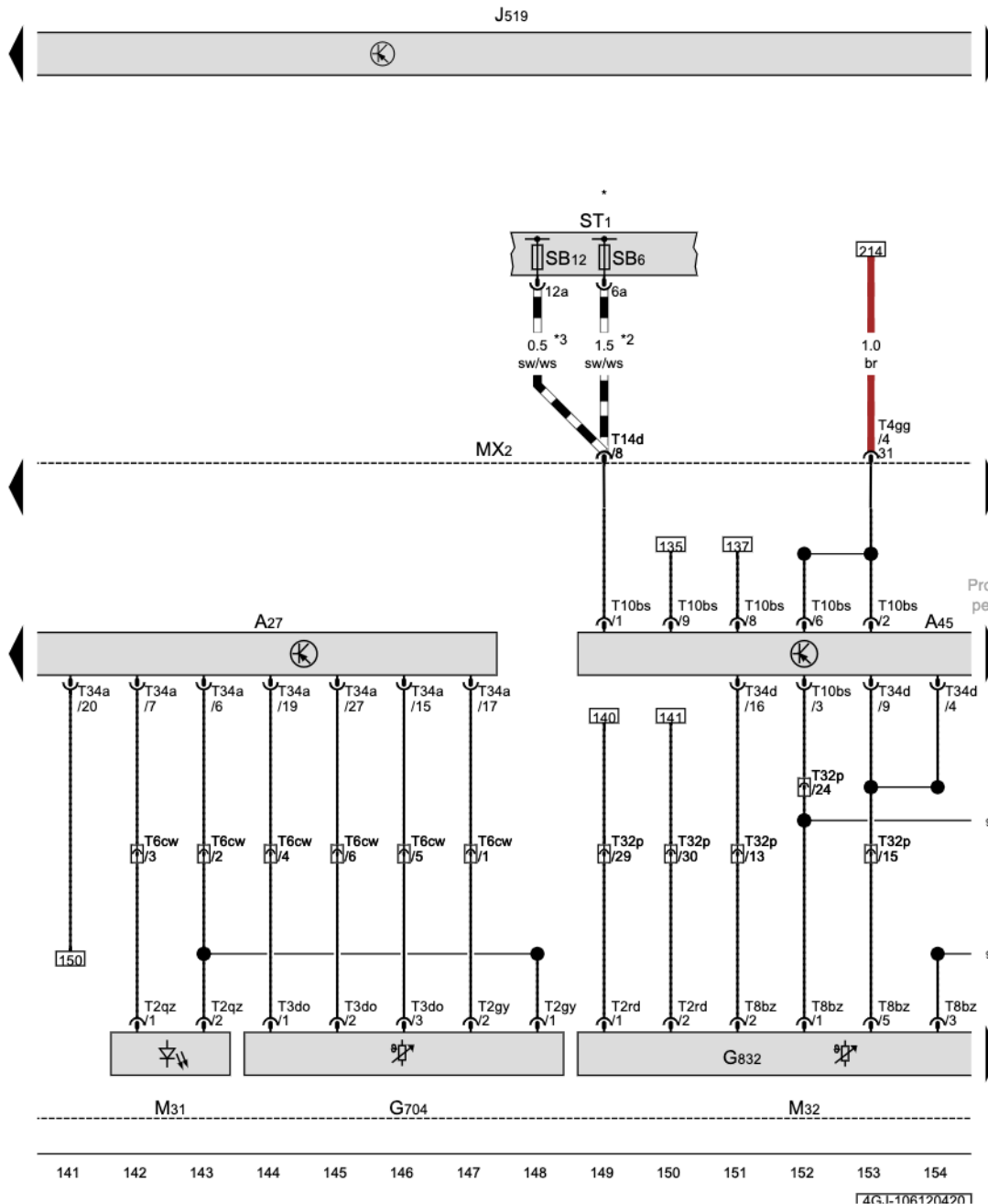


Vehicle Electrical System Control Module, Right Front Headlamp



- A27 Right LED Headlamp Power Output Module 1
- J519 Vehicle Electrical System Control Module
- MX2 Right Front Headlamp, On the Right Headlamp
- M51 Left Stationary Cornering Lamp
- T2ra 2-Pin Connector
- T3dq 3-Pin Connector
- T3ds 3-Pin Connector
- T5cd 5-Pin Connector
- T6cv 6-Pin Connector
- T14d 14-Pin Connector, Black
- T17e 17-Pin Connector, Red
- T34a 34-Pin Connector
- V49 Right Headlamp Range Control Adjustment Motor
- V408 Right Headlamp Fan
- V464 Right Headlamp Fan 2
- * Data Bus Wire (CAN Bus)

Vehicle Electrical System Control Module, Right Front Headlamp

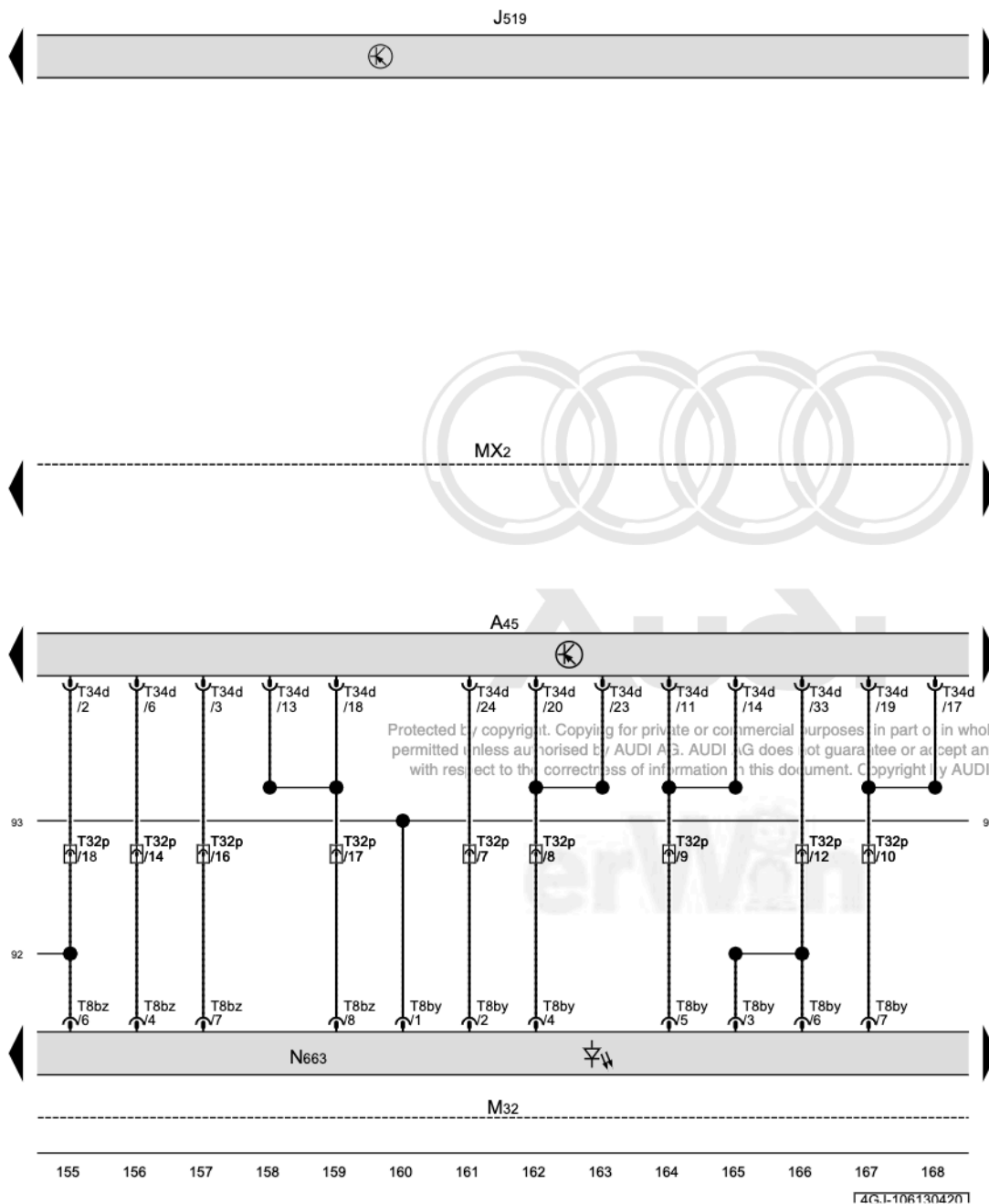


- A27 Right LED Headlamp Power Output Module 1
 - A45 Right Matrix Headlamp Power Output Module
 - G704 Right Headlamp Temperature Sensor 1
 - G832 Left Headlamp Temperature Sensor 3
 - J519 Vehicle Electrical System Control Module
 - MX2 Right Front Headlamp, On the Right Headlamp
 - M31 Right Low Beam Headlamp Bulb
 - M32 Right High Beam Headlamp Bulb
 - ST1 Fuse Panel 1
 - SB6 Fuse 6 (On Fuse Panel B)
 - SB12 Fuse 12 (On Fuse Panel B)
 - T2gy 2-Pin Connector
 - T2qz 2-Pin Connector
 - T2rd 2-Pin Connector
 - T3do 3-Pin Connector
 - T4gg 4-Pin Connector, Black
 - T4hg 4-Pin Connector
 - T6cw 6-Pin Connector
 - T8bz 8-Pin Connector
 - T10bs 10-Pin Connector
 - T14d 14-Pin Connector, Black
 - T32p 32-Pin Connector, Brown
 - T34a 34-Pin Connector
 - T34d 34-Pin Connector
 - *2 Magnetic Core
 - *3 For RHD Vehicles
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- Refer to Applicable Wiring Diagram for Fuse Positions

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 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

Vehicle Electrical System Control Module, Right Front Headlamp

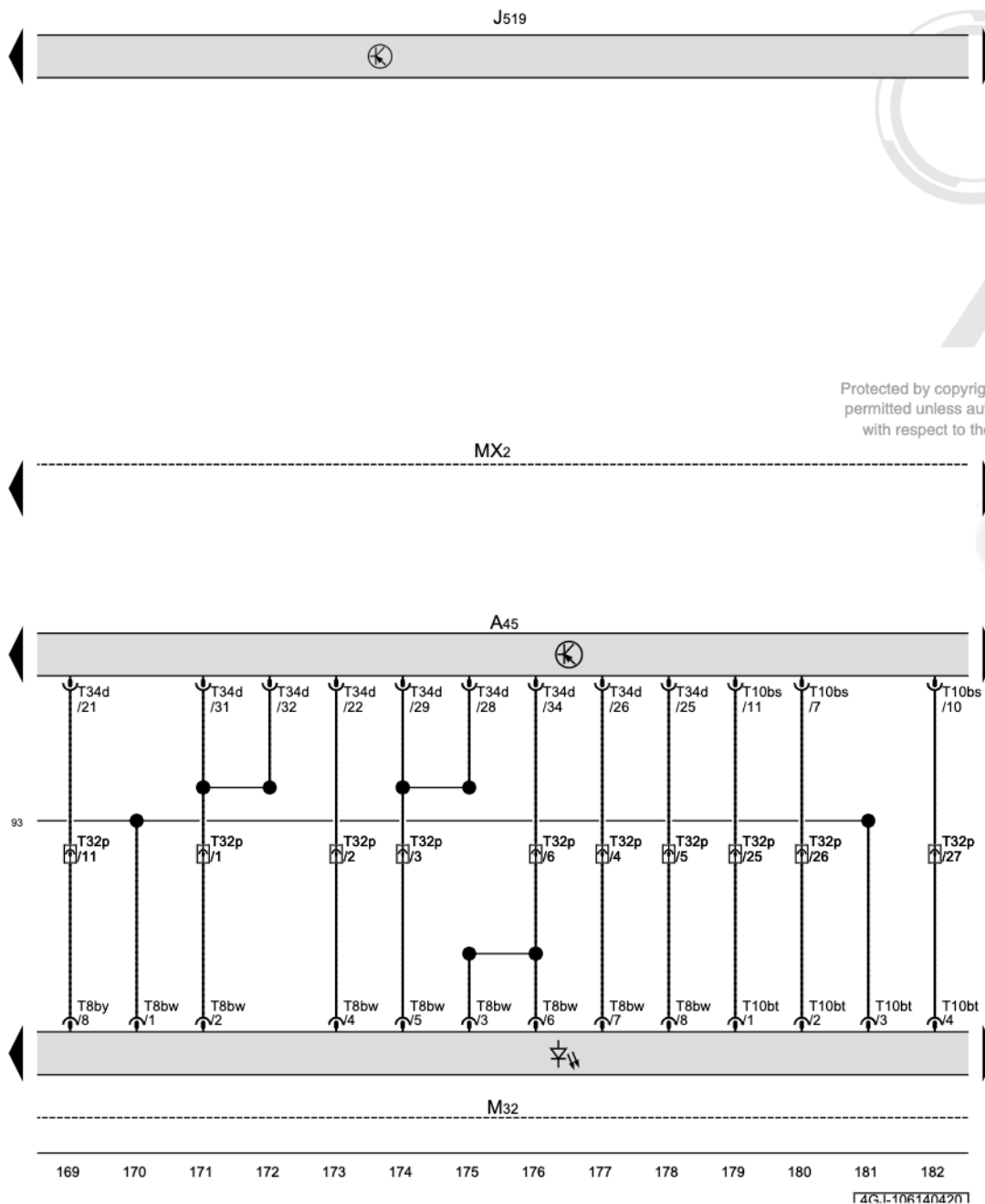
- A45 Right Matrix Headlamp Power Output Module
- J519 Vehicle Electrical System Control Module
- MX2 Right Front Headlamp, On the Right Headlamp
- M32 Right High Beam Headlamp Bulb
- N663 Current Coding Resistance 2 for Left Headlamp
- T8by 8-Pin Connector
- T8bz 8-Pin Connector
- T32p 32-Pin Connector, Brown
- T34d 34-Pin Connector



Vehicle Electrical System Control Module, Right Front Headlamp

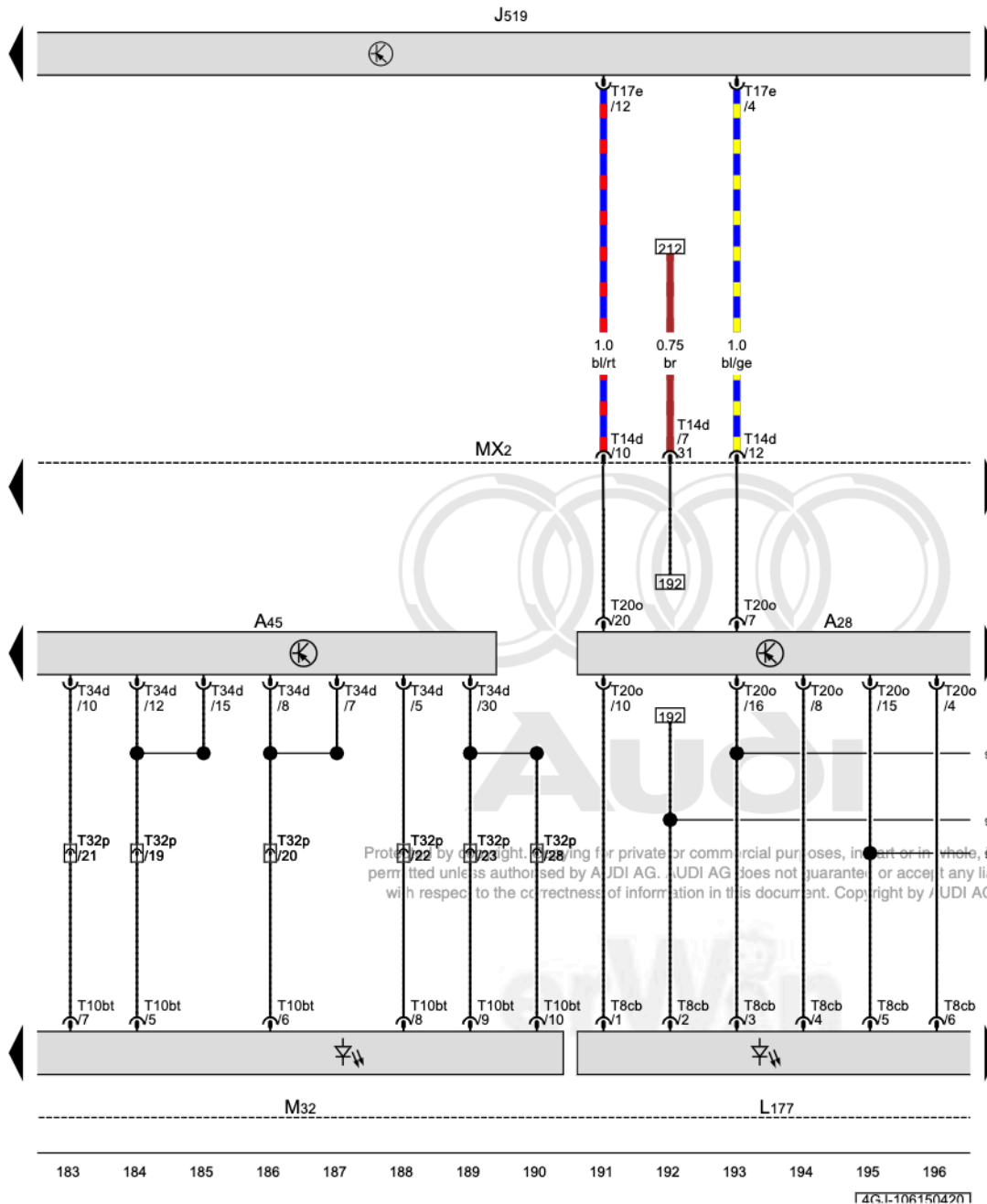
- A45 Right Matrix Headlamp Power Output Module
- J519 Vehicle Electrical System Control Module
- MX2 Right Front Headlamp, On the Right Headlamp
- M32 Right High Beam Headlamp Bulb
- T8bw 8-Pin Connector
- T8by 8-Pin Connector
- T10bs 10-Pin Connector
- T10bt 10-Pin Connector
- T32p 32-Pin Connector, Brown
- T34d 34-Pin Connector

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Vehicle Electrical System Control Module, Right Front Headlamp

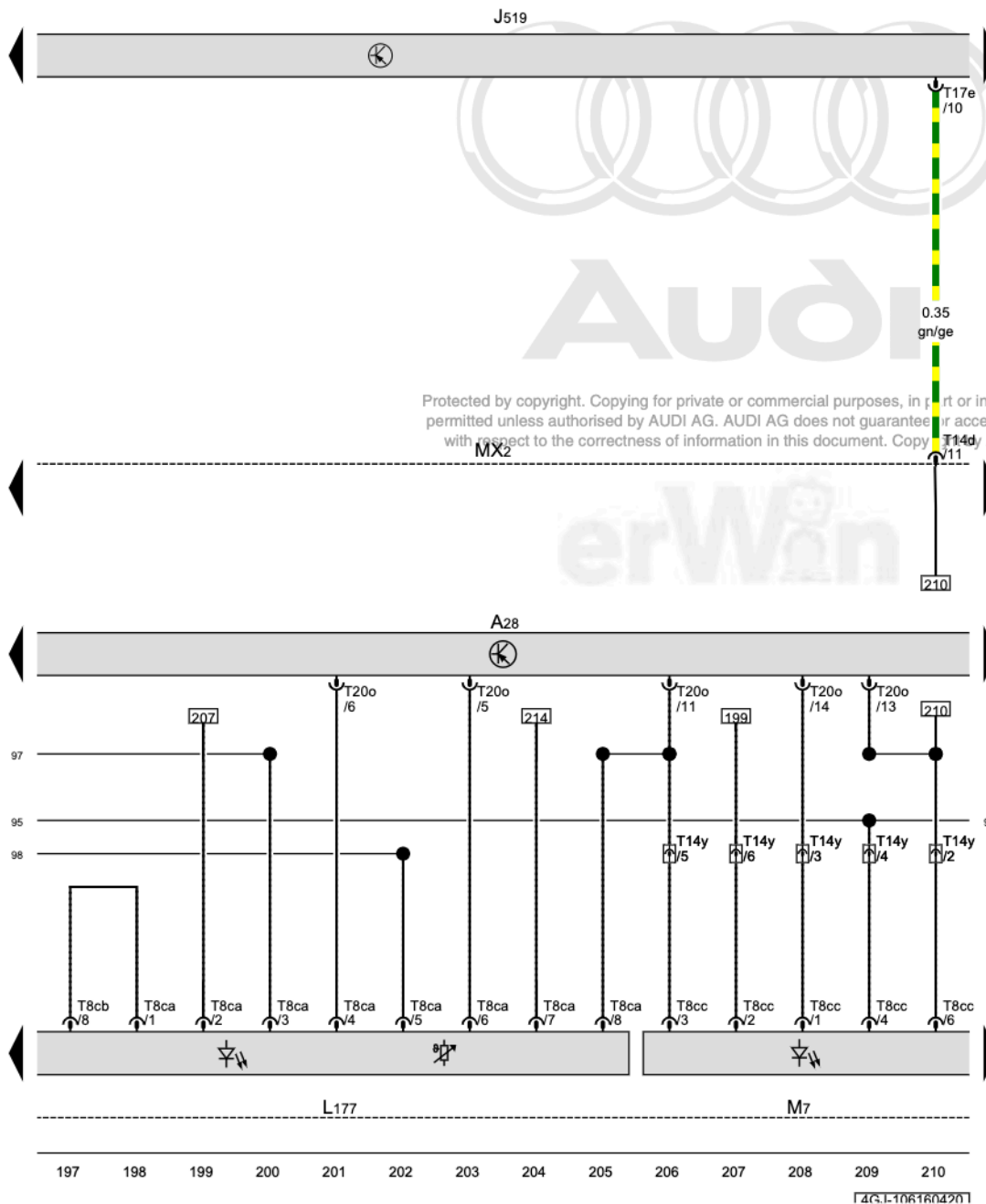


- A28 Right LED Headlamp Power Output Module 2
- A45 Right Matrix Headlamp Power Output Module
- J519 Vehicle Electrical System Control Module
- L177 Right Daytime Running Lamp and Position Lamp LED Module
- MX2 Right Front Headlamp, On the Right Headlamp
- M32 Right High Beam Headlamp Bulb
- T8cb 8-Pin Connector
- T10bt 10-Pin Connector
- T14d 14-Pin Connector, Black
- T17e 17-Pin Connector, Red
- T20o 20-Pin Connector
- T32p 32-Pin Connector, Brown
- T34d 34-Pin Connector

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Vehicle Electrical System Control Module, Right Front Headlamp

- A28 Right LED Headlamp Power Output Module 2
- J519 Vehicle Electrical System Control Module
- L177 Right Daytime Running Lamp and Position Lamp LED Module
- MX2 Right Front Headlamp, On the Right Headlamp
- M7 Right Front Turn Signal Bulb
- T8ca 8-Pin Connector
- T8cb 8-Pin Connector
- T8cc 8-Pin Connector
- T14d 14-Pin Connector, Black
- T14y 14-Pin Connector
- T17e 17-Pin Connector, Red
- T20o 20-Pin Connector

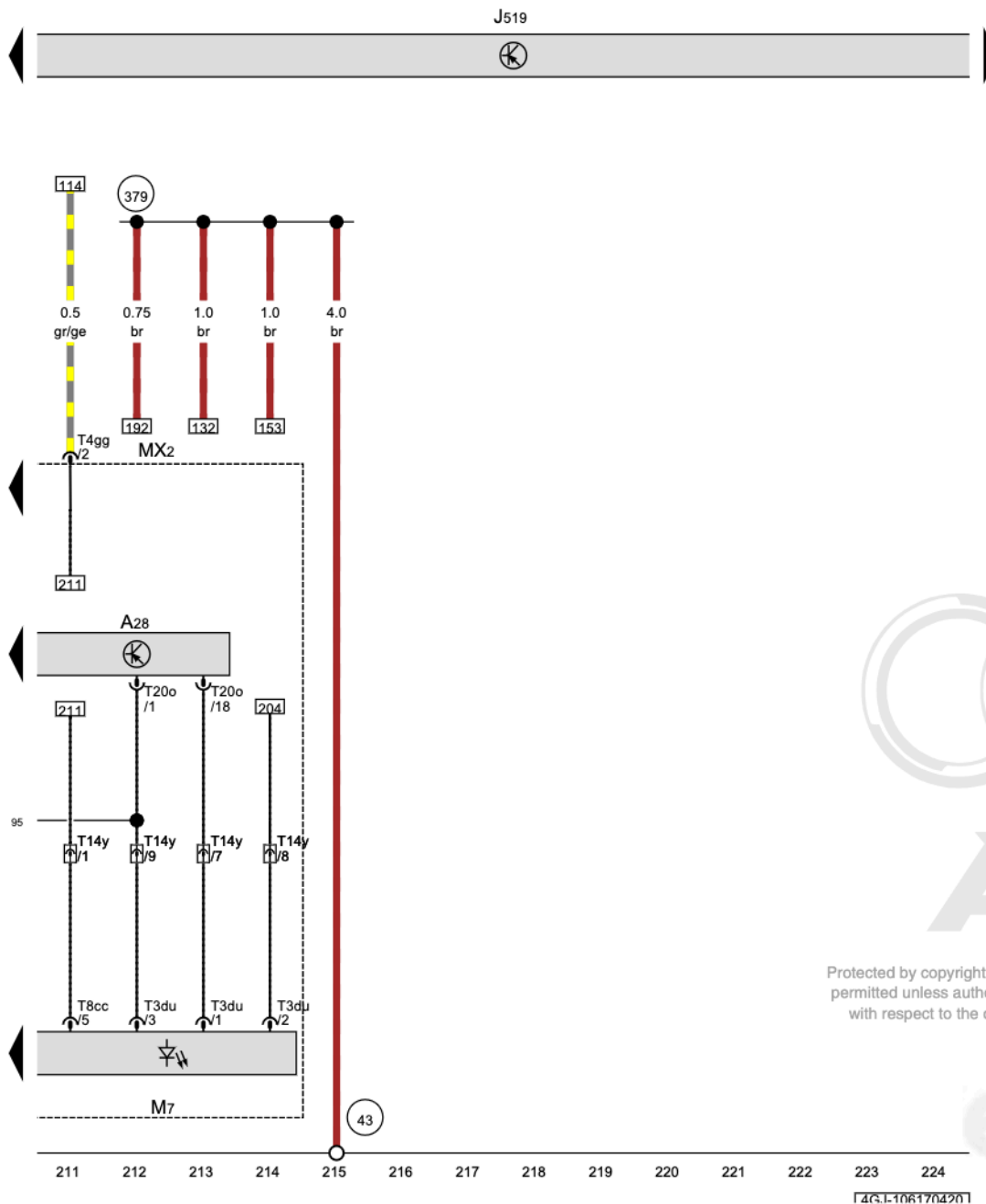


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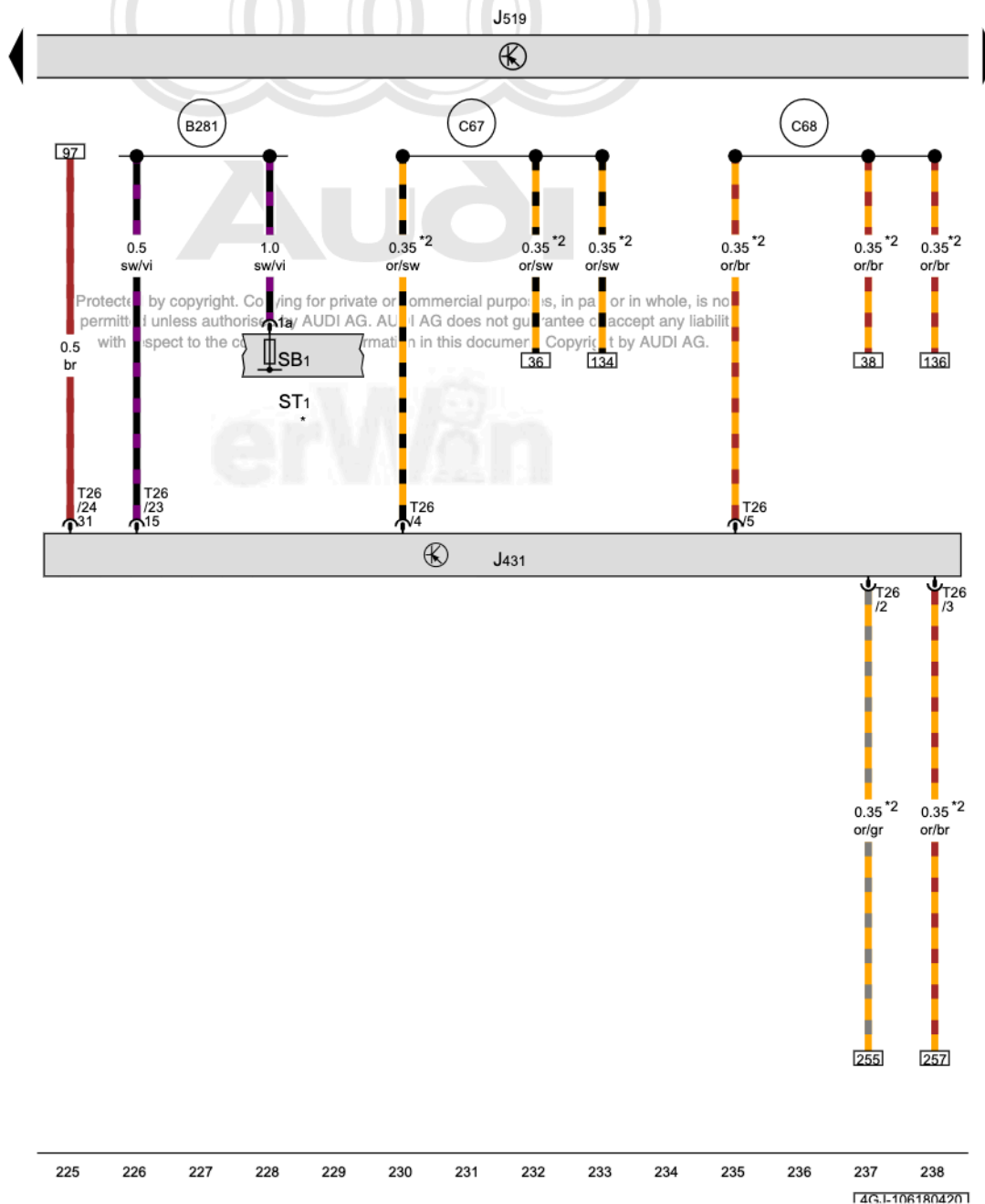
Vehicle Electrical System Control Module, Right Front Headlamp

- A28 Right LED Headlamp Power Output Module 2
- J519 Vehicle Electrical System Control Module
- MX2 Right Front Headlamp, On the Right Headlamp
- M7 Right Front Turn Signal Bulb
- T3du 3-Pin Connector
- T4gg 4-Pin Connector, Black
- T4hg 4-Pin Connector
- T8cc 8-Pin Connector
- T14y 14-Pin Connector
- T20o 20-Pin Connector

- 43 Ground Connection on A-Pillar, Lower Right
- 379 Ground Connection 14 (in Main Wiring Harness)



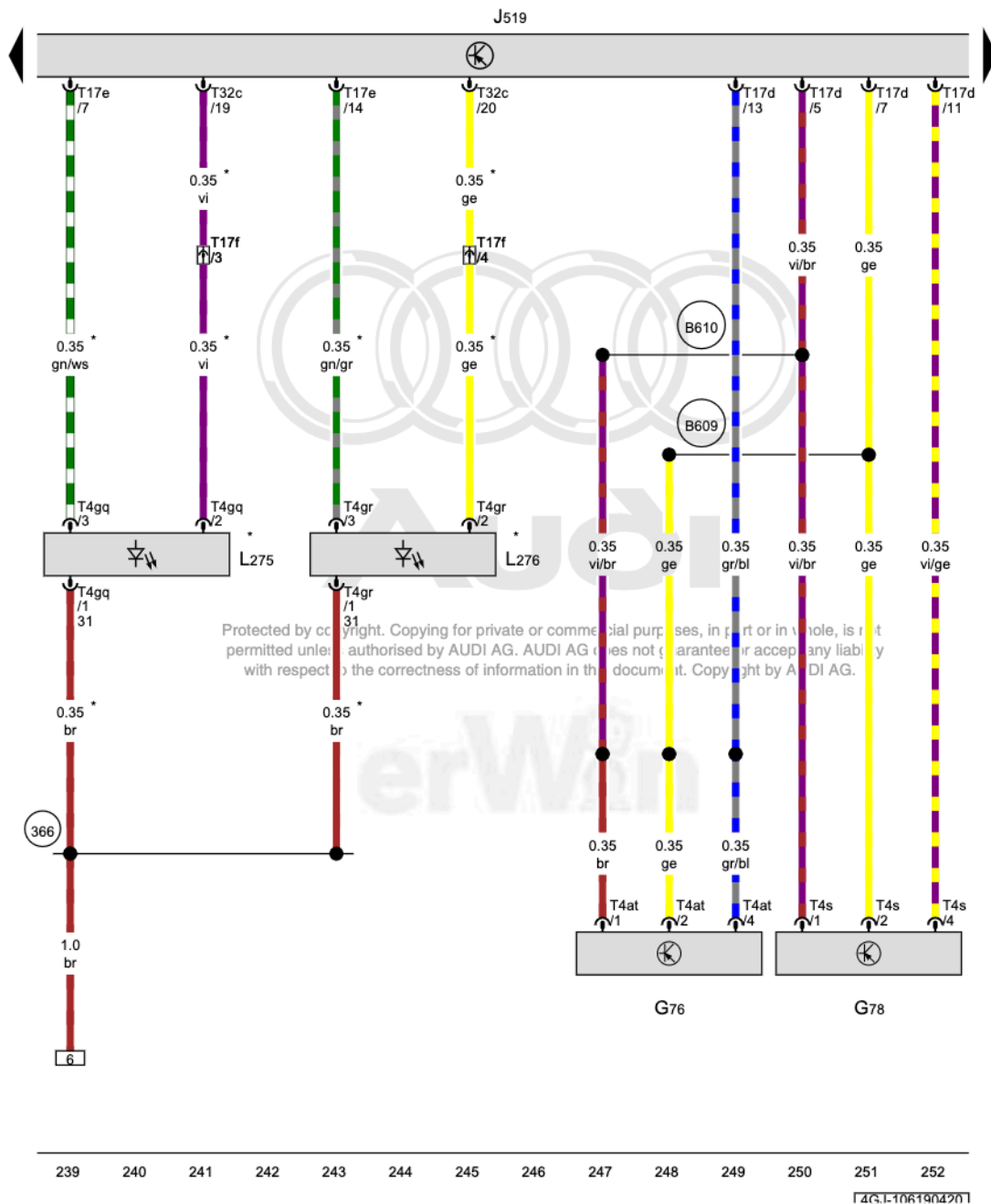
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Headlamp Range Control Module, Vehicle Electrical System Control Module

- J431 Headlamp Range Control Module
- J519 Vehicle Electrical System Control Module
- ST1 Fuse Panel 1
- SB1 Fuse 1 (On Fuse Panel B)
- T26 26-Pin Connector

- B281 Positive Connection 5 (15a) (in Main Wiring Harness)
- C67 CAN Bus High Connection (in Headlamp Wiring Harness)
- C68 CAN Bus Low Connection (in Headlamp Wiring Harness)
- * Refer to Applicable Wiring Diagram for Fuse Positions
- *2 Data Bus Wire (CAN Bus)



Left Rear Level Control System Sensor, Left Front Level Control System Sensor, Vehicle Electrical System Control Module, Left Signature Lighting Bulb, Right Signature Lighting Bulb

- G76 Left Rear Level Control System Sensor
- G78 Left Front Level Control System Sensor
- J519 Vehicle Electrical System Control Module
- L275 Left Signature Lighting Bulb
- L276 Right Signature Lighting Bulb
- T4at 4-Pin Connector
- T4gq 4-Pin Connector, Gray
- T4gr 4-Pin Connector, Gray
- T4s 4-Pin Connector
- T17d 17-Pin Connector, Black
- T17e 17-Pin Connector, Red
- T17f 17-Pin Connector, In the Left A-Pillar Connector Station, White
- T32c 32-Pin Connector

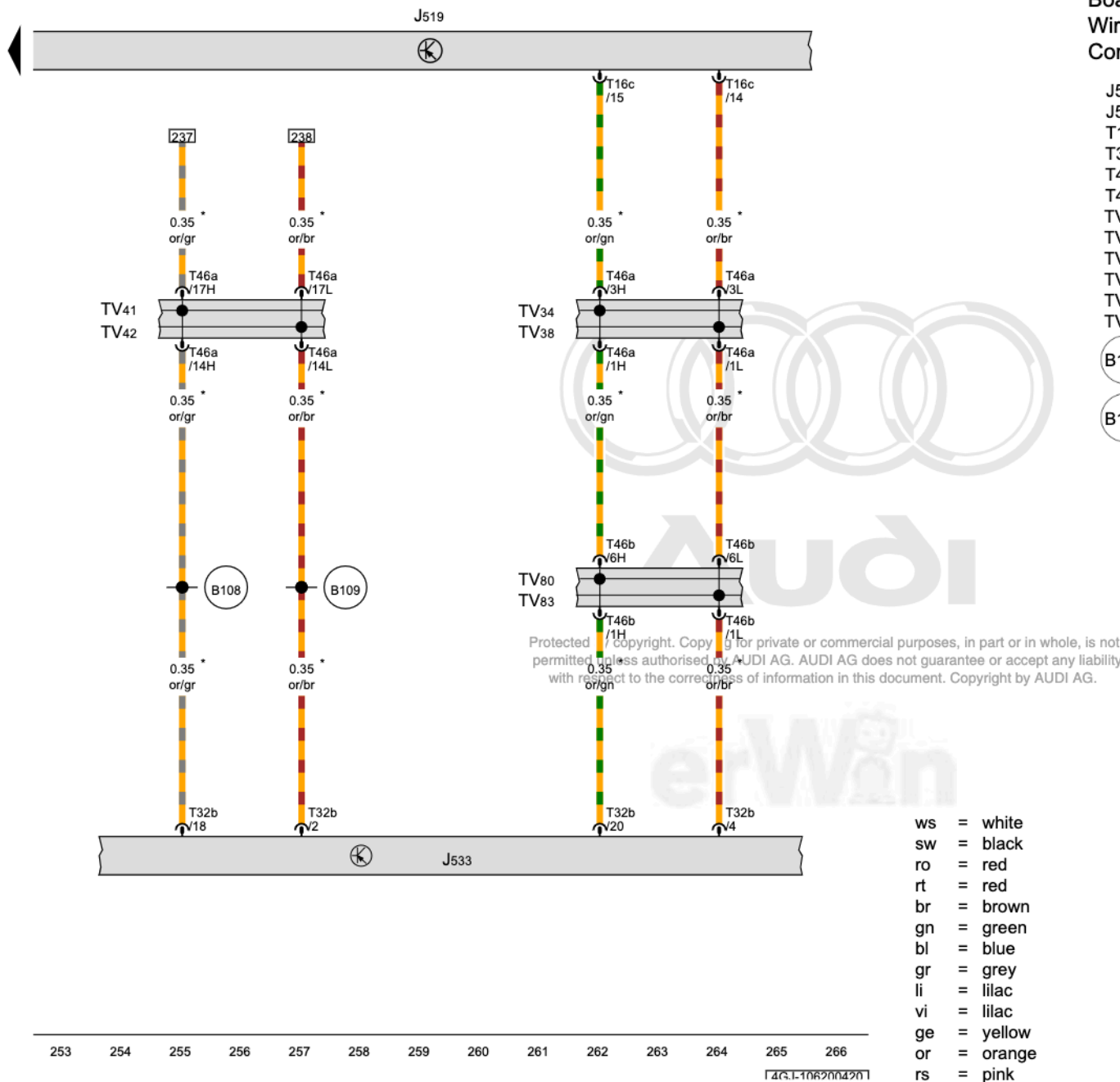
366 Ground Connection 1 (in Main Wiring Harness)

B609 Connection 5 (in Interior Wiring Harness)

B610 Connection 6 (in Interior Wiring Harness)

* For Vehicles with Hybrid Drive

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- sw = black
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- gr = grey
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- or = orange
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Vehicle Electrical System Control Module, Data Bus on Board Diagnostic Interface, Comfort System CAN Bus High Wire Junction, Extended CAN Bus High Wire Junction, Comfort System CAN Bus High Wire Junction 2

- J519 Vehicle Electrical System Control Module
- J533 Data Bus on Board Diagnostic Interface
- T16c 16-Pin Connector, Brown
- T32b 32-Pin Connector
- T46a 46-Pin Connector
- T46b 46-Pin Connector
- TV34 Comfort System CAN Bus High Wire Junction
- TV38 Comfort System CAN Bus Low Wire Junction
- TV41 Extended CAN Bus High Wire Junction
- TV42 Extended CAN Bus Low Wire Junction
- TV80 Comfort System CAN Bus High Wire Junction 2
- TV83 Comfort System CAN Bus Low Wire Junction 2
- B108 CAN Bus Extended High Connection 1 (in Main Wiring Harness)
- B109 CAN Bus Extended Low Connection 1 (in Main Wiring Harness)
- * Data Bus Wire (CAN Bus)